

Ken Itoh

List of Publications by Year in descending order

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167
papers

32,514
citations

8732

75
h-index

6113

159
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all docs

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docs citations

172
times ranked

23675
citing authors

#	ARTICLE	IF	CITATIONS
1	An Nrf2/Small Maf Heterodimer Mediates the Induction of Phase II Detoxifying Enzyme Genes through Antioxidant Response Elements. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 313-322.	1.0	3,495
2	Keap1 represses nuclear activation of antioxidant responsive elements by Nrf2 through binding to the amino-terminal Neh2 domain. <i>Genes and Development</i> , 1999, 13, 76-86.	2.7	3,000
3	Direct evidence that sulfhydryl groups of Keap1 are the sensors regulating induction of phase 2 enzymes that protect against carcinogens and oxidants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11908-11913.	3.3	1,719
4	Transcription Factor Nrf2 Coordinately Regulates a Group of Oxidative Stress-inducible Genes in Macrophages. <i>Journal of Biological Chemistry</i> , 2000, 275, 16023-16029.	1.6	1,297
5	Sensitivity to carcinogenesis is increased and chemoprotective efficacy of enzyme inducers is lost in nrf2 transcription factor-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 3410-3415.	3.3	1,036
6	Keap1-dependent Proteasomal Degradation of Transcription Factor Nrf2 Contributes to the Negative Regulation of Antioxidant Response Element-driven Gene Expression. <i>Journal of Biological Chemistry</i> , 2003, 278, 21592-21600.	1.6	963
7	Keap1-null mutation leads to postnatal lethality due to constitutive Nrf2 activation. <i>Nature Genetics</i> , 2003, 35, 238-245.	9.4	782
8	Molecular mechanism activating nrf2-keap1 pathway in regulation of adaptive response to electrophiles. <i>Free Radical Biology and Medicine</i> , 2004, 36, 1208-1213.	1.3	765
9	Keap1 regulates both cytoplasmic-nuclear shuttling and degradation of Nrf2 in response to electrophiles. <i>Genes To Cells</i> , 2003, 8, 379-391.	0.5	698
10	High Sensitivity of Nrf2 Knockout Mice to Acetaminophen Hepatotoxicity Associated with Decreased Expression of ARE-Regulated Drug Metabolizing Enzymes and Antioxidant Genes. <i>Toxicological Sciences</i> , 2001, 59, 169-177.	1.4	663
11	Modulation of Gene Expression by Cancer Chemopreventive Dithiolethiones through the Keap1-Nrf2 Pathway. <i>Journal of Biological Chemistry</i> , 2003, 278, 8135-8145.	1.6	611
12	Keap1 Recruits Neh2 through Binding to ETGE and DLG Motifs: Characterization of the Two-Site Molecular Recognition Model. <i>Molecular and Cellular Biology</i> , 2006, 26, 2887-2900.	1.1	610
13	Bach Proteins Belong to a Novel Family of BTB-Basic Leucine Zipper Transcription Factors That Interact with MafK and Regulate Transcription through the NF-E2 Site. <i>Molecular and Cellular Biology</i> , 1996, 16, 6083-6095.	1.1	573
14	Enhanced Expression of the Transcription Factor Nrf2 by Cancer Chemopreventive Agents: Role of Antioxidant Response Element-Like Sequences in the nrf2 Promoter. <i>Molecular and Cellular Biology</i> , 2002, 22, 2883-2892.	1.1	527
15	Discovery of the Negative Regulator of Nrf2, Keap1: A Historical Overview. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1665-1678.	2.5	444
16	Electrophile Response Element-mediated Induction of the Cystine/Glutamate Exchange Transporter Gene Expression. <i>Journal of Biological Chemistry</i> , 2002, 277, 44765-44771.	1.6	443
17	Regulation of transcription by dimerization of erythroid factor NF-E2 p45 with small Maf proteins. <i>Nature</i> , 1994, 367, 568-572.	13.7	428
18	Identification of a novel Nrf2-regulated antioxidant response element (ARE) in the mouse NAD(P)H:quinone oxidoreductase 1 gene: reassessment of the ARE consensus sequence. <i>Biochemical Journal</i> , 2003, 374, 337-348.	1.7	427

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19	Dimerization of Substrate Adaptors Can Facilitate Cullin-mediated Ubiquitylation of Proteins by a "Tethering" Mechanism. <i>Journal of Biological Chemistry</i> , 2006, 281, 24756-24768.	1.6	422
20	Two domains of Nrf2 cooperatively bind CBP, a CREB binding protein, and synergistically activate transcription. <i>Genes To Cells</i> , 2001, 6, 857-868.	0.5	415
21	Loss of the Nrf2 transcription factor causes a marked reduction in constitutive and inducible expression of the glutathione S-transferase <i>Gsta1</i> , <i>Gsta2</i> , <i>Gstm1</i> , <i>Gstm2</i> , <i>Gstm3</i> and <i>Gstm4</i> genes in the livers of male and female mice. <i>Biochemical Journal</i> , 2002, 365, 405-416.	1.7	399
22	Role of Nrf2 in the Regulation of CD36 and Stress Protein Expression in Murine Macrophages. <i>Circulation Research</i> , 2004, 94, 609-616.	2.0	388
23	Transcription Factor Nrf2 Regulates Inflammation by Mediating the Effect of 15-Deoxy- $\Delta^{12,14}$ -Prostaglandin J ₂ . <i>Molecular and Cellular Biology</i> , 2004, 24, 36-45.	1.1	383
24	Nrf2 Enhances Cell Proliferation and Resistance to Anticancer Drugs in Human Lung Cancer. <i>Clinical Cancer Research</i> , 2009, 15, 3423-3432.	3.2	373
25	Carnosic acid, a catechol-type electrophilic compound, protects neurons both <i>in vitro</i> and <i>in vivo</i> through activation of the Keap1/Nrf2 pathway via S-alkylation of targeted cysteines on Keap1. <i>Journal of Neurochemistry</i> , 2008, 104, 1116-1131.	2.1	339
26	Redox-regulated Turnover of Nrf2 Is Determined by at Least Two Separate Protein Domains, the Redox-sensitive Neh2 Degron and the Redox-insensitive Neh6 Degron. <i>Journal of Biological Chemistry</i> , 2004, 279, 31556-31567.	1.6	336
27	Role of Nrf2 signaling in regulation of antioxidants and phase 2 enzymes in cardiac fibroblasts: Protection against reactive oxygen and nitrogen species-induced cell injury. <i>FEBS Letters</i> , 2005, 579, 3029-3036.	1.3	333
28	Nrf2 Is Essential for the Chemopreventive Efficacy of Oltipraz against Urinary Bladder Carcinogenesis. <i>Cancer Research</i> , 2004, 64, 6424-6431.	0.4	325
29	Regulatory mechanisms of cellular response to oxidative stress. <i>Free Radical Research</i> , 1999, 31, 319-324.	1.5	323
30	Role of Transcription Factor Nrf2 in the Induction of Hepatic Phase 2 and Antioxidative Enzymes <i>in vivo</i> by the Cancer Chemoprotective Agent, 3H-1, 2-Dithiole-3-thione. <i>Molecular Medicine</i> , 2001, 7, 135-145.	1.9	317
31	Nrf2-deficient female mice develop lupus-like autoimmune nephritis. See Editorial by Byrd and Thomas, p. 1606. <i>Kidney International</i> , 2001, 60, 1343-1353.	2.6	313
32	Identification of the interactive interface and phylogenic conservation of the Nrf2-Keap1 system. <i>Genes To Cells</i> , 2002, 7, 807-820.	0.5	298
33	Nrf2-deficient mice are highly susceptible to cigarette smoke-induced emphysema. <i>Genes To Cells</i> , 2005, 10, 1113-1125.	0.5	293
34	Accelerated DNA Adduct Formation in the Lung of the Nrf2 Knockout Mouse Exposed to Diesel Exhaust. <i>Toxicology and Applied Pharmacology</i> , 2001, 173, 154-160.	1.3	275
35	Hemin-induced Activation of the Thioredoxin Gene by Nrf2. <i>Journal of Biological Chemistry</i> , 2001, 276, 18399-18406.	1.6	273
36	Regulation of Nrf2 by Mitochondrial Reactive Oxygen Species in Physiology and Pathology. <i>Biomolecules</i> , 2020, 10, 320.	1.8	263

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37	Transcription factor Nrf2 is required for the constitutive and inducible expression of multidrug resistance-associated protein1 in mouse embryo fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2003, 310, 824-829.	1.0	247
38	A Sulforaphane Analogue That Potently Activates the Nrf2-dependent Detoxification Pathway. <i>Journal of Biological Chemistry</i> , 2002, 277, 3456-3463.	1.6	234
39	Role of phase 2 enzyme induction in chemoprotection by dithiolethiones. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001, 480-481, 305-315.	0.4	219
40	Transcription Factor Nrf2 Plays a Pivotal Role in Protection against Elastase-Induced Pulmonary Inflammation and Emphysema. <i>Journal of Immunology</i> , 2005, 175, 6968-6975.	0.4	219
41	Differential Responses of the Nrf2-Keap1 System to Laminar and Oscillatory Shear Stresses in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 27244-27250.	1.6	198
42	Activation of hepatic Nrf2 in vivo by acetaminophen in CD-1 mice. <i>Hepatology</i> , 2004, 39, 1267-1276.	3.6	188
43	Evolutionary conserved N-terminal domain of Nrf2 is essential for the Keap1-mediated degradation of the protein by proteasome. <i>Archives of Biochemistry and Biophysics</i> , 2005, 433, 342-350.	1.4	187
44	BRG1 Interacts with Nrf2 To Selectively Mediate HO-1 Induction in Response to Oxidative Stress. <i>Molecular and Cellular Biology</i> , 2006, 26, 7942-7952.	1.1	183
45	Transcription Factor Nrf2 Is Essential for Induction of NAD(P)H:Quinone Oxidoreductase 1, Glutathione S-Transferases, and Glutamate Cysteine Ligase by Broccoli Seeds and Isothiocyanates. <i>Journal of Nutrition</i> , 2004, 134, 3499S-3506S.	1.3	181
46	Hyperglycemia induces oxidative and nitrosative stress and increases renal functional impairment in Nrf2-deficient mice. <i>Genes To Cells</i> , 2008, 13, 1159-1170.	0.5	175
47	Interactive effects of nrf2 genotype and oltipraz on benzo[a]pyrene-DNA adducts and tumor yield in mice. <i>Carcinogenesis</i> , 2003, 24, 461-467.	1.3	169
48	Nrf2- and ATF4-Dependent Upregulation of xCT Modulates the Sensitivity of T24 Bladder Carcinoma Cells to Proteasome Inhibition. <i>Molecular and Cellular Biology</i> , 2014, 34, 3421-3434.	1.1	163
49	Nrf2 regulates ferroportin 1-mediated iron efflux and counteracts lipopolysaccharide-induced ferroportin 1 mRNA suppression in macrophages. <i>Archives of Biochemistry and Biophysics</i> , 2011, 508, 101-109.	1.4	162
50	Shear stress stabilizes NF-E2-related factor 2 and induces antioxidant genes in endothelial cells: Role of reactive oxygen/nitrogen species. <i>Free Radical Biology and Medicine</i> , 2007, 42, 260-269.	1.3	156
51	Methylation of the KEAP1 gene promoter region in human colorectal cancer. <i>BMC Cancer</i> , 2012, 12, 66.	1.1	156
52	Transcription factor Nrf2 mediates an adaptive response to sulforaphane that protects fibroblasts in vitro against the cytotoxic effects of electrophiles, peroxides and redox-cycling agents. <i>Toxicology and Applied Pharmacology</i> , 2009, 237, 267-280.	1.3	152
53	Ultraviolet A Irradiation Induces NF-E2-Related Factor 2 Activation in Dermal Fibroblasts: Protective Role in UVA-Induced Apoptosis. <i>Journal of Investigative Dermatology</i> , 2005, 124, 825-832.	0.3	147
54	[18] Roles of Nrf2 in activation of antioxidant enzyme genes via antioxidant responsive elements. <i>Methods in Enzymology</i> , 2002, 348, 182-190.	0.4	143

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55	Nrf2 protects against pulmonary fibrosis by regulating the lung oxidant level and Th1/Th2 balance. <i>Respiratory Research</i> , 2010, 11, 31.	1.4	137
56	Ebselen, a Seleno-organic Antioxidant, as an Electrophile. <i>Chemical Research in Toxicology</i> , 2006, 19, 1196-1204.	1.7	135
57	Subcellular localization and cytoplasmic complex status of endogenous Keap1. <i>Genes To Cells</i> , 2007, 12, 1163-1178.	0.5	116
58	Role of Nrf2 in the pathogenesis of atherosclerosis. <i>Free Radical Biology and Medicine</i> , 2015, 88, 221-232.	1.3	116
59	Emerging functional cross-talk between the Keap1-Nrf2 system and mitochondria. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2015, 56, 91-97.	0.6	115
60	Induction of cancer chemopreventive enzymes by coffee is mediated by transcription factor Nrf2. Evidence that the coffee-specific diterpenes cafestol and kahweol confer protection against acrolein. <i>Toxicology and Applied Pharmacology</i> , 2008, 226, 328-337.	1.3	112
61	Role of 15-Deoxy $\Delta^{12,14}$ Prostaglandin J2 and Nrf2 Pathways in Protection against Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 1260-1266.	2.5	111
62	Oxidative stress-inducible proteins in macrophages. <i>Free Radical Research</i> , 1999, 31, 351-355.	1.5	110
63	Carnosic acid protects neuronal HT22 Cells through activation of the antioxidant-responsive element in free carboxylic acid- and catechol hydroxyl moieties-dependent manners. <i>Neuroscience Letters</i> , 2008, 434, 260-265.	1.0	108
64	Nrf2 regulates the sensitivity of death receptor signals by affecting intracellular glutathione levels. <i>Oncogene</i> , 2003, 22, 9275-9281.	2.6	105
65	Role of the Keap1/Nrf2 pathway in neurodegenerative diseases. <i>Pathology International</i> , 2015, 65, 210-219.	0.6	104
66	Activity and Expression of Murine Small Maf Family Protein MafK. <i>Journal of Biological Chemistry</i> , 1995, 270, 7615-7624.	1.6	96
67	Molecular Basis Distinguishing the DNA Binding Profile of Nrf2-Maf Heterodimer from That of Maf Homodimer. <i>Journal of Biological Chemistry</i> , 2007, 282, 33681-33690.	1.6	92
68	Activation of Nrf2 and accumulation of ubiquitinated A170 by arsenic in osteoblasts. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 271-277.	1.0	89
69	Role of Nrf2 and p62/ZIP in the neurite outgrowth by carnosic acid in PC12h cells. <i>Journal of Biochemistry</i> , 2010, 147, 73-81.	0.9	88
70	Nrf2 Neh5 domain is differentially utilized in the transactivation of cytoprotective genes. <i>Biochemical Journal</i> , 2007, 404, 459-466.	1.7	87
71	Proteinase K-resistant α -synuclein is deposited in presynapses in human Lewy body disease and A53T α -synuclein transgenic mice. <i>Acta Neuropathologica</i> , 2010, 120, 145-154.	3.9	87
72	Nrf2 regulates the alternative first exons of CD36 in macrophages through specific antioxidant response elements. <i>Archives of Biochemistry and Biophysics</i> , 2008, 477, 139-145.	1.4	83

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73	EPR imaging of reducing activity in Nrf2 transcriptional factor-deficient mice. <i>Free Radical Biology and Medicine</i> , 2003, 34, 1236-1242.	1.3	81
74	Role of Nrf2 in Host Defense against Influenza Virus in Cigarette Smoke-Exposed Mice. <i>Journal of Virology</i> , 2011, 85, 4679-4690.	1.5	79
75	Inchinkoto, a herbal medicine, and its ingredients dually exert Mrp2/MRP2-mediated choleresis and Nrf2-mediated antioxidative action in rat livers. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G1450-G1463.	1.6	76
76	Attenuation of UVB-Induced Sunburn Reaction and Oxidative DNA Damage with no Alterations in UVB-Induced Skin Carcinogenesis in Nrf2 Gene-Deficient Mice. <i>Journal of Investigative Dermatology</i> , 2008, 128, 1773-1779.	0.3	76
77	Essential role of Nrf2 in keratinocyte protection from UVA by quercetin. <i>Biochemical and Biophysical Research Communications</i> , 2009, 387, 109-114.	1.0	76
78	A Crucial Role of Nrf2 in In Vivo Defense against Oxidative Damage by an Environmental Pollutant, Pentachlorophenol. <i>Toxicological Sciences</i> , 2006, 90, 111-119.	1.4	72
79	Nrf2 and p53 cooperatively protect against BBN-induced urinary bladder carcinogenesis. <i>Carcinogenesis</i> , 2007, 28, 2398-2403.	1.3	70
80	Enhanced Spontaneous and Benzo(a)pyrene-Induced Mutations in the Lung of Nrf2-Deficient gpt Delta Mice. <i>Cancer Research</i> , 2007, 67, 5643-5648.	0.4	70
81	Trehalose intake induces chaperone molecules along with autophagy in a mouse model of Lewy body disease. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 746-752.	1.0	70
82	Increased susceptibility to hepatocarcinogenicity of Nrf2-deficient mice exposed to 2-amino-3-methylimidazo[4,5-f]quinoline. <i>Cancer Science</i> , 2007, 98, 19-24.	1.7	69
83	Nrf2 inhibits hepatic iron accumulation and counteracts oxidative stress-induced liver injury in nutritional steatohepatitis. <i>Journal of Gastroenterology</i> , 2012, 47, 924-935.	2.3	67
84	Role of the ISR-ATF4 pathway and its cross talk with Nrf2 in mitochondrial quality control. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2019, 64, 1-12.	0.6	67
85	Expression of the Aflatoxin B1-8,9-Epoxy-Metabolizing Murine Glutathione S-Transferase A3 Subunit Is Regulated by the Nrf2 Transcription Factor through an Antioxidant Response Element. <i>Molecular Pharmacology</i> , 2003, 64, 1018-1028.	1.0	62
86	Lansoprazole, a Proton Pump Inhibitor, Mediates Anti-Inflammatory Effect in Gastric Mucosal Cells through the Induction of Heme Oxygenase-1 via Activation of NF-E2-Related Factor 2 and Oxidation of Kelch-Like ECH-Associating Protein 1. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 331, 255-264.	1.3	62
87	Comparison of citrus coumarins on carcinogen-detoxifying enzymes in Nrf2 knockout mice. <i>Toxicology Letters</i> , 2009, 185, 180-186.	0.4	62
88	Keap1 Is Localized in Neuronal and Glial Cytoplasmic Inclusions in Various Neurodegenerative Diseases. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013, 72, 18-28.	0.9	61
89	Aggressive mammary carcinoma progression in Nrf2 knockout mice treated with 7,12-dimethylbenz[a]anthracene. <i>BMC Cancer</i> , 2010, 10, 540.	1.1	60
90	Nrf2 activation is associated with Z-DNA formation in the human HO-1 promoter. <i>Nucleic Acids Research</i> , 2013, 41, 5223-5234.	6.5	59

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91	C151 in KEAP1 is the main cysteine sensor for the cyanoenone class of NRF2 activators, irrespective of molecular size or shape. <i>Scientific Reports</i> , 2018, 8, 8037.	1.6	58
92	Nrf2 deficiency causes tooth decolourization due to iron transport disorder in enamel organ. <i>Genes To Cells</i> , 2004, 9, 641-651.	0.5	56
93	Nrf2 controls bone marrow stromal cell susceptibility to oxidative and electrophilic stress. <i>Free Radical Biology and Medicine</i> , 2006, 41, 132-143.	1.3	56
94	Nrf2 in bone marrow-derived cells positively contributes to the advanced stage of atherosclerotic plaque formation. <i>Free Radical Biology and Medicine</i> , 2012, 53, 2256-2262.	1.3	56
95	Nrf2 regulates NGF mRNA induction by carnosic acid in T98G glioblastoma cells and normal human astrocytes. <i>Journal of Biochemistry</i> , 2011, 150, 209-217.	0.9	55
96	Keap1/Nrf2 system regulates neuronal survival as revealed through study of keap1 gene-knockout mice. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 298-302.	1.0	51
97	Transforming Growth Factor- β^2 Induces Transcription Factors MafK and Bach1 to Suppress Expression of the Heme Oxygenase-1 Gene. <i>Journal of Biological Chemistry</i> , 2013, 288, 20658-20667.	1.6	50
98	Non-coding RNA derived from the region adjacent to the human HO-1 E2 enhancer selectively regulates HO-1 gene induction by modulating Pol II binding. <i>Nucleic Acids Research</i> , 2014, 42, 13599-13614.	6.5	50
99	Carnosic acid suppresses the production of amyloid- β^2 1-42 and 1-43 by inducing an β -secretase TACE/ADAM17 in U373MG human astrocytoma cells. <i>Neuroscience Research</i> , 2014, 79, 83-93.	1.0	49
100	Increased Susceptibility of Nrf2-Null Mice to 1-Bromopropane-Induced Hepatotoxicity. <i>Toxicological Sciences</i> , 2010, 115, 596-606.	1.4	48
101	Carnosic acid attenuates apoptosis induced by amyloid- β^2 1-42 or 1-43 in SH-SY5Y human neuroblastoma cells. <i>Neuroscience Research</i> , 2015, 94, 1-9.	1.0	47
102	Carnosic acid suppresses the production of amyloid- β^2 1-42 by inducing the metalloprotease gene TACE/ADAM17 in SH-SY5Y human neuroblastoma cells. <i>Neuroscience Research</i> , 2013, 75, 94-102.	1.0	45
103	Phosphorylation of serine 349 of p62 in Alzheimer's disease brain. <i>Acta Neuropathologica Communications</i> , 2014, 2, 50.	2.4	43
104	Double-stranded RNA induces galectin-9 in vascular endothelial cells: involvement of TLR3, PI3K, and IRF3 pathway. <i>Glycobiology</i> , 2007, 17, 12C-15C.	1.3	38
105	Differential roles for Nrf2 and AP-1 in upregulation of HO-1 expression by arsenite in murine embryonic fibroblasts. <i>Free Radical Research</i> , 2008, 42, 297-304.	1.5	38
106	Ablation of the Transcription Factor Nrf2 Promotes Ischemia-Induced Neovascularization by Enhancing the Inflammatory Response. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1553-1561.	1.1	37
107	p62 Deficiency Enhances β -Synuclein Pathology in Mice. <i>Brain Pathology</i> , 2015, 25, 552-564.	2.1	37
108	Relationship between Radiosensitivity and Nrf2 Target Gene Expression in Human Hematopoietic Stem Cells. <i>Radiation Research</i> , 2010, 174, 177-184.	0.7	35

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109	Emerging Regulatory Role of Nrf2 in Iron, Heme, and Hemoglobin Metabolism in Physiology and Disease. <i>Frontiers in Veterinary Science</i> , 2018, 5, 242.	0.9	35
110	Emerging evidence for crosstalk between Nrf2 and mitochondria in physiological homeostasis and in heart disease. <i>Archives of Pharmacal Research</i> , 2020, 43, 286-296.	2.7	34
111	Selective Induction of the Tumor Marker Glutathione S-Transferase P1 by Proteasome Inhibitors*. <i>Journal of Biological Chemistry</i> , 2005, 280, 25267-25276.	1.6	29
112	Nrf2 deficiency improves autoimmune nephritis caused by the fas mutation lpr. <i>Kidney International</i> , 2004, 65, 1703-1713.	2.6	28
113	A Possible Role of Nrf2 in Prevention of Renal Oxidative Damage by Ferric Nitrilotriacetate. <i>Toxicologic Pathology</i> , 2008, 36, 353-361.	0.9	26
114	Concomitant Nrf2- and ATF4-activation by Carnosic Acid Cooperatively Induces Expression of Cytoprotective Genes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1706.	1.8	26
115	Induction of murine intestinal and hepatic peroxiredoxin MSP23 by dietary butylated hydroxyanisole. <i>Carcinogenesis</i> , 2000, 21, 1013-1016.	1.3	25
116	Tissue Prx I in the protection against Fe-NTA and the reduction of nitroxyl radicals. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 226-231.	1.0	24
117	The novel Nrf2-interacting factor KAP1 regulates susceptibility to oxidative stress by promoting the Nrf2-mediated cytoprotective response. <i>Biochemical Journal</i> , 2011, 436, 387-397.	1.7	24
118	Edaravone and carnosic acid synergistically enhance the expression of nerve growth factor in human astrocytes under hypoxia/reoxygenation. <i>Neuroscience Research</i> , 2011, 69, 291-298.	1.0	22
119	Role of Nrf2 in inflammatory response in lung of mice exposed to zinc oxide nanoparticles. <i>Particle and Fibre Toxicology</i> , 2019, 16, 47.	2.8	22
120	Suppression of AhR signaling pathway is associated with the down-regulation of UDP-glucuronosyltransferases during BBN-induced urinary bladder carcinogenesis in mice. <i>Journal of Biochemistry</i> , 2010, 147, 353-360.	0.9	21
121	Novel roles of glycosaminoglycans in the degradation of type I collagen by cathepsin K. <i>Glycobiology</i> , 2017, 27, 1089-1098.	1.3	21
122	Nrf2 transactivator-independent GSTP1-1 expression in 'GSTP1-1 positive' single cells inducible in female mouse liver by DEN: a preneoplastic character of possible initiated cells. <i>Carcinogenesis</i> , 2002, 23, 457-462.	1.3	20
123	Ribosome binding protein GCN1 regulates the cell cycle and cell proliferation and is essential for the embryonic development of mice. <i>PLoS Genetics</i> , 2020, 16, e1008693.	1.5	20
124	Nrf2 degron-fused reporter system: a new tool for specific evaluation of Nrf2 inducers. <i>Genes To Cells</i> , 2011, 16, 406-415.	0.5	19
125	Effects of deficiency of Kelch-like ECH-associated protein 1 on skeletal organization: a mechanism for diminished nuclear factor of activated T cells cytoplasmic 1 during osteoclastogenesis. <i>FASEB Journal</i> , 2017, 31, 4011-4022.	0.2	19
126	Keap1 Regulates the Constitutive Expression of GST A1 during Differentiation of Caco-2 Cells. <i>Biochemistry</i> , 2008, 47, 6169-6177.	1.2	18

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127	Carbocysteine Reduces Virus-Induced Pulmonary Inflammation in Mice Exposed to Cigarette Smoke. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 963-973.	1.4	18
128	Suppression of SLC11A2 Expression Is Essential to Maintain Duodenal Integrity During Dietary Iron Overload. <i>American Journal of Pathology</i> , 2010, 177, 677-685.	1.9	17
129	The BET bromodomain inhibitor exerts the most potent synergistic anticancer effects with quinone-containing compounds and anti-microtubule drugs. <i>Oncotarget</i> , 2016, 7, 79217-79232.	0.8	17
130	Synphilin-1-Binding Protein NUB1 is Colocalized With Nonfibrillar, Proteinase K-Resistant α -Synuclein in Presynapses in Lewy Body Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011, 70, 879-889.	0.9	15
131	Aging and ϵ -APOE μ 4 are determinative factors of plasma A β 42 levels. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1184-1191.	1.7	15
132	Association between Biomarkers of Cardiovascular Diseases and the Blood Concentration of Carotenoids among the General Population without Apparent Illness. <i>Nutrients</i> , 2020, 12, 2310.	1.7	14
133	Blockade of PAR α 1 Signaling Attenuates Cardiac Hypertrophy and Fibrosis in Renin-Overexpressing Hypertensive Mice. <i>Journal of the American Heart Association</i> , 2020, 9, e015616.	1.6	13
134	Characterization of mitochondrial calpain-5. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118989.	1.9	13
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